

ABSTRACT OF THE DISCLOSURE

Chimeric antibodies specific to human CD4 antigen, DNA
encoding, pharmaceutical compositions containing and use
5 thereof as therapeutic agents are taught. These chimeric
antibodies contain Old World monkey variable sequences and
human constant domain sequences, preferably human gamma 1,
gamma 4 or mutated forms thereof. These antibodies possess
desirable therapeutic properties including low antigenicity,
10 reduced (or absent) T cell depleting activity, good affinity
to human CD4 and enhanced stability (in vivo half-life).

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